

CLAIMS

1 1. A method for automatically retrieving and rendering information regarding a source of an
 2 incoming communication, said method comprising a plurality of steps, one or more of
 3 said steps implemented locally or remotely, said method comprising:

- 4 a. receiving said incoming communication from said source intended for one or
 5 more recipients;
- 6 b. detecting identity of said source;
- 7 c. extracting data regarding said detected source, said data comprising any of, or a
 8 combination of, the following information: to-do entries, future and past event
 9 entries, journal entries, and profile information;
- 10 d. summarizing said extracted data;
- 11 e. notifying said one or more recipients of said incoming communication, and
- 12 f. rendering said data in one or more electronic devices associated with said one or
 13 more recipients of said incoming communication.

1 2. A method for automatically retrieving and rendering information regarding a source of an
 2 incoming communication, as per claim 1, wherein said combination comprises the
 3 following information: to-do entries, future and past event entries.

1 3. A method for automatically retrieving and rendering information regarding a source of an
 2 incoming communication, as per claim 1, wherein said incoming communication is sent
 3 via any of the following: sockets, Java messaging queue (JMQ), remote procedure call
 4 (RPC), or remote method invocation (RMI).

- 1 4. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 1, wherein said step of extracting data is
3 performed over one or more networks.
- 1 5. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 1, wherein said extracted data is in iCalendar
3 format.
- 1 6. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 5, wherein said method further comprises
3 chronologically ordering said extracted data in iCalendar format.
- 1 7. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 1, wherein said data is extracted from any of the
3 following databases: an event database containing one or more recorded events, a to-do
4 database containing one or more actions to be performed, a journal database containing
5 one or more journal entries, or a profile database containing one or more profiles
6 associated with one or more clients.
- 1 8. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 1, wherein said step of extracting data further
3 comprises extracting additional data related to said detected source from the World Wide
4 Web (WWW).

- 1 9. A method for automatically retrieving and rendering information regarding a source of an
2 incoming communication, as per claim 8, wherein said extracted additional data includes
3 said profile data.
- 1 10. An article of manufacture comprising a computer usable medium having computer
2 readable program code embodied therein which automatically retrieves and renders
3 information regarding a source of an incoming communication, said article comprising:
4 computer readable program code receiving said incoming communication from said
5 source intended for one or more recipients;
6 computer readable program code detecting identity of said source;
7 computer readable program code extracting data regarding said detected source, said
8 data comprising any of, or a combination of, the following information: to-do entries,
9 future and past event entries, journal entries, and profile information;
10 computer readable program code summarizing said extracted data;
11 computer readable program code notifying said one or more recipients of said
12 incoming communication, and
13 computer readable program code rendering said data in one or more electronic
14 devices associated with said one or more recipients of said incoming communication.
- 1 11. An article of manufacture comprising a computer usable medium having computer
2 readable program code embodied therein which automatically retrieves and renders
3 information regarding a source of an incoming communication, as per claim 10, wherein
4 said data is extracted from any of the following databases: an event database containing

5 one or more recorded events, a to-do database containing one or more actions to be
6 performed, a journal database containing one or more journal entries, or a profile
7 database containing one or more profiles associated with one or more clients.

1 12. An article of manufacture comprising a computer usable medium having computer
2 readable program code embodied therein, which automatically retrieves and renders
3 information regarding a source of an incoming communication, as per claim 10, wherein
4 said article further comprises computer readable program code extracting additional data
5 related to said detected source from the World Wide Web (WWW).

1 13. An article of manufacture comprising a computer usable medium having computer
2 readable program code embodied therein, which automatically retrieves and renders
3 information regarding a source of an incoming communication, as per claim 12, wherein
4 said extracted additional data includes said profile data.

1 14. A system for automatic retrieval and rendering of information related to one or more
2 sources, said system comprising:

3 one or more databases storing information related to one or more sources, said
4 databases accessible over one or more networks;

5 one or more device agents detecting one or more requests for communication from
6 said sources, said device agents further extracting identity of said sources;

7 a retrieval manager operatively linked to said agents initiating retrieval of data,
8 regarding said identified sources, from said databases, and

9 a presenter operatively linked to said retrieval manager rendering said retrieved data
10 in one or more electronic devices.

1 15. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said retrieved data is in iCalendar format.

1 16. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 15, wherein said system further comprises a summarizer
3 chronologically organizing said retrieved data in iCalendar format.

1 17. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein at least one of said one or more databases is a relational
3 database that is accessible via search query language (SQL).

1 18. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said requests for communication are any of the
3 following: a pager message, an e-mail message, or a telephone call.

1 19. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said one or more databases is any of the following: an
3 event database containing one or more recorded events, a to-do database containing one
4 or more actions to be performed, a journal database containing one or more journal
5 entries, or a profile database containing one or more profiles associated with one or more
6 clients.

1 20. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said electronic devices are any of the following:
3 telephones, mobile telephones, WAP-enabled telephones, pagers, personal digital
4 assistants (PDAs), electronic tablets, personal computers (PCs), mobile computers,
5 laptops, or wireless computer-based devices.

1 21. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said system further comprises:
3 one or more entries locators associated with said one or more databases identifying
4 specific calendar entries associates with said one or more sources, and
5 a gatherer collecting and passing said identified specific calendar entries to said
6 retrieval manager.

1 22. A system for automatic retrieval and rendering of information related to one or more
2 sources, as per claim 14, wherein said networks comprise any of the following: local area
3 network (LAN), wide area network (WAN), wireless network, or Internet.

1 23. A method for facilitating business transactions, based on information retrieved over the
2 World Wide Web, said method comprising:
3 receiving a communication from a business;
4 detecting identity of said business;
5 accessing the World Wide Web and extracting information related to said detected
6 identity;

7 summarizing said extracted information, and

8 performing a business transaction based on said summarized information.

1 24. A method for facilitating business transactions, based on information retrieved over the
2 World Wide Web, as per claim 23, wherein said communication is a telephonic
3 communication.

1 25. A method for facilitating business transactions, based on information retrieved over the
2 World Wide Web, as per claim 23, wherein said method further comprises the step of
3 rendering said summarized information in one or more browser enabled electronic
4 devices associated with one or more clients.

1 26. A method for facilitating business transactions, based on information retrieved over the
2 World Wide Web, as per claim 23, wherein said business transaction are transactions
3 related to financial securities.

1 27. An article of manufacture comprising a computer usable medium having computer
2 readable program code embodied therein which facilitates business transactions, based on
3 information retrieved over one or more networks, said article comprising:

4 computer readable program receiving a communication from a business;

5 computer readable program code detecting identity of said business;

6 computer readable program code accessing the World Wide Web and extracting
7 information related to said detected identity;

8 computer readable program code summarizing said extracted information, and
9 computer readable program code performing a business transaction based on said
10 summarized information.